

HP PageWide Managed Color MFP P77940dn



Low-cost color, maximum uptime, and strongest security from a smart, efficient HP PageWide MFP.

HP Managed MFPs and printers are optimized for managed environments. Offering increased monthly page volumes and fewer interventions, this portfolio of products can help reduce printing and copying costs. See your HP Authorized Reseller for details.





Affordable color printing for every office

- Depend on lasting value. Get the results you expect for a game-changing low color cost per page.
- Print even faster—and save even more per page—by setting this printer to General Office mode.³
- Help keep energy costs down with the most efficient MFP in its class.²



Minimal interruptions. Maximum uptime.

- Minimize interruptions with an HP PageWide MFP designed for less maintenance than laser competitors.⁴
- Print speeds up to 50% faster than competitors—as fast as 60 ppm in color and black-and-white.⁶
- Equip this HP PageWide MFP with a variety of accessories to meet the needs of your office.⁸



The world's most secure printing¹

- Each printer in your fleet checks its operating code and repairs itself from attacks.
- Your printer's outgoing network connections are inspected to stop suspicious requests and thwart malware.
- Memory activity is monitored to continually detect and stop attacks.
- Firmware is automatically checked during startup to determine if it's authentic code—digitally signed by HP.



Designed with the environment in mind

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- This MFP meets rigorous standards for ISO class 5 clean rooms—perfect for sensitive environments.
- Help reduce your impact. Count on easy cartridge recycling at no charge through HP Planet Partners.
- Keep noise to a minimum with an MFP designed to be quiet. Place it near people without disrupting work.

Get to know the HP PageWide Managed Color MFP P77940dn



Series at a glance



Technical specifications

Does do est accesso	UDD WELL HE LIGHT MED DEFOND
Product name Product number	HP PageWide Managed Color MFP P77940dn Y3Z61A
Functions	Print, copy, scan, fax (optional)
Print	
Duplex printing Print speed ⁵	Automatic (standard): Manual (driver support provided) Black (A4, normal) Up to 40 ppm; Color (A4, normal): Up to 40 ppm; Black (A4, duplex): Up to 28 ppm; Color (A4, duplex): Up to 28 ppm; Black (letter, normal): Up to 40 ppm; Black (letter, duplex): Up to 28 ppm; Color (letter, normal): Up to 40 ppm; Color (letter, duplex): Up to 40 ppm; Color (letter, normal): Up to 40 ppm; Color (letter, duplex): Up to 40 ppm; Color (letter, normal): Up to 40 ppm; Color (letter, duplex): Up to 40 ppm; Color (letter, normal): Up to 40 ppm; Color (letter, duplex): Up to 40 ppm; Color (letter, normal): Up to 40 ppm; Color (letter, duplex): Up to 40 ppm; Color (letter, normal): Up to 40 ppm; Color (letter, duplex): Up to 40 ppm; Color (letter, normal): Up to 40 ppm; Color (letter, duplex): Up to 40 ppm; Color (letter, normal): Up to 40 ppm; Color (letter, duplex): Up to 40 ppm; Color (letter, normal): Up to 40 ppm; Color (letter, duplex): Up to 40 ppm; Color (letter, normal): Up to 40 ppm; Color (letter, duplex): Up to 40 ppm; Color (letter, normal): Up to 40 ppm; Color (letter, duplex): Up to 40 ppm; Color (letter, normal): Up to 40 ppm; Color (letter, duplex): Up to 40 ppm; Color (letter, normal): Up to 40 ppm; Color (letter, duplex): Up to 40 ppm; Color (letter, normal): Up to 40 ppm; Color (letter, duplex): Up to 40 ppm; Color (letter, normal): Up to 40 ppm; Color (letter, duplex): Up to 40 ppm; Color (letter, normal): Up to 40 ppm; Color (letter, duplex): Up to 40 ppm; Color (letter, normal): Up to 4
First page out ⁶	to 40 ppm; Black (A4, ready): As fast as 8 sec; Color (A4, ready): As fast as 8.3 sec; Black (A4, sleep): As fast as 10.5 sec; Color (A4, sleep): As fast as 10.5 sec
Print technology	HP PageWide Technology with pigmented inks
Print resolution	Black (best): Up to 1200 x 1200 optimized dpi from 600 x 600 input dpi (on Unspecified, Plain, HP Premium Presentation Matte, and HP Brochure Matte); Color (best): Up to 2400 x 1200 optimized dpi from 600 x 600 input dpi (on HP Advanced Photo Papers)
Print resolution technology Print cartridges number	HP PageWide Technology up to 1200 x 1200 optimized dpi from 600 x 600 input dpi 4 (1 each black, cyan, magenta, yellow)
Standard print languages	TO THE CONTROL OF THE PROPERTY OF THE PROSECTION OF THE PROSECTION OF THE PROPERTY OF THE PROP
Printer management	HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP Web Jetadmin Software; Printer Administrator Resource Kit for HP Universal Print Driver
Scan	Navas (AA) Lists Colon (assessment also) LEFt Duals (AA) Lists 220 ins (assessment also) LEFt
Scan speed Scanner specifications	Normal (A4): Up to 60 ipm (mono and color), LEF*; Duplex (A4): Up to 120 ipm (mono and color), LEF* Scanner type Flatbed, ADF; Scan technology . Contact Image Sensor (CIS); Scan input modes: Front panel applications: Copy, Scan to E-mail with LDAP e-mail address lookup, Scan to Network Folder, Scan to USB, Scan to Sharepoint. Client applications: EWS, HP Scan App; Duplex ADF scanning : Yes; Scan size maximum (ADF) : 280 x 432 mm; With "long scan size" selected, 216 x 864 mm; Scan size maximum (flatbed) : 280 x 432 mm; Optical scan resolution : Up to 600 pp; Enhanced Scan Resolution : Up to 600 pp; Hardware resolution : Up to 600 pp;
Scan file format	Scan File Types supported by included software: Bitmap (.bmp), JPEG (.jpg), PDF (.pdf), PNG (.png), TIFF (.tif)
Scanner advanced features Copy	Optimize text/picture; Image adjustments; Job build; Output quality setting; Selectable scan resolution 75 to 600 dpi; Auto detect color; Edge Erase; Job notification; Blank page suppression; HP Quick Sets; Scan and save to destinations: network folder, FTP, Sharepoint, USB flash drive, e-mail; see software section for more details.
Copy speed ³	Black (A4, best): Up to 40 cpm; Black (letter, best): Up to 40 cpm; Color (A4, best): Up to 40 cpm; Color (letter, best): Up to 40 cpm
First copy out	Black (letter, ready): As fast as 9 sec; Color (letter, ready): As fast as 10.8 sec
Copier specifications	Copier settings: Two-sided copying, scalability, image adjustments (darkness, contrast, background cleanup, sharpness), N-up, N or Z-ordering, content orientation, collation, booklet, ID Scan, job build, edge-to-edge, job storage; Maximum number of copies: Up to 9999 copies; Copy resolution: Up to 600 x 600 dpi
Fax	condicage to eage, job storage, maintainment of appeal up to 3555 capital, app. (addition up to odo noto up)
Fax speed	33.6 kbps / 5 Sec per page Fax memory ¹ : Up to 500 pages (black and white); Fax resolution: Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Auto fax reduction supported. Yes; Auto-redialing. Yes; Fax delayed sending. No: Distinctive ring detection supported. No: Fax forwarding supported. Yes: Junk barrier supported. Yes: Maximum speed dialing numbers: Up to 1000 numbers (each with 210
Fax specifications	destinations); PC interface supported: Yes, HP Software support provided; Fax polling supported: Yes (poll to receive only)
Fax smart software features Connectivity	Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule
Standard connectivity	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket
Mobile printing capability	HP ePrint, Apple AirPrint™, Google Cloud Print
Wireless capability	Optional, enabled with purchase of a hardware accessory
Network capabilities	Via HP Jetdirect Ethernet embedded print server (standard) supports: 10Base-T, 100Base-T, 100Base-T; 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (standard) Standard: 2816 MB – System Total Standard; 1280 MB on Formatter; 1024 MB on the SCB; 512 MB on the ECB; Maximum: 3584 MB – System Total Standard; 2048 MB on Formatter (with 1024
Memory	MB DIMM); 1024 MB on the SCB; 512 MB on the ECB
Hard disk Processor speed	None. Printer uses eMMC solid state drive (SSD); Standard eMMC memory = 16GB 1.2GHz
Paper handling	1.2012
Duty cycle (monthly)	Duty cycle (monthly, A4): Up to 150,000 pages; Recommended monthly page volume: 2500 to 30,000
Input capacity	550-sheet Universal Input Tray; 100-sheet multi-purpose tray; Optional 550-sheet tray; Optional cart with integrated 550-sheet tray; Optional cart with 3 integrated 550 sheet tray; Optional cart with 2 integrated 2000-sheet in HCI
Output capacity	500-sheet face-down output bin
Number of paper trays	Standard: 2; Maximum: Up to 5 Plain paper, HP EcoFFICIENT, HP Premium Presentation Matte 120q, HP Brochure Matte 180q, HP Brochure Glossy, HP Advanced Photo Papers, Light 60-74q, Intermediate 85-95q, Mid-Weight
Media types Media weight ¹⁰	Frain paper, fire curricitiest, in Preliminar Health and market 120g, fire brouching market 100g, fire brought global, fire flower flower from papers, right 60-74g, line mediate 65-35g, mile-weight 96-110g, Heavy 111-130g, Extra Heavy 131-175g, Cardstock 176-220g, Labels, Letterhead, Envelope, Heavy Envelope, Preprinted, Prepunched, Colored, Bond, Recycled, Rough Tray 1: 60-220 qsm, 300 qsm Photo Paper Only; Trays 2-5: 60-220 qsm; HCl trays 3 & 4: 60-220 qsm
Media size	Custom (metric): Tray 1: 99.1 x 127 to 304.8 x 457.2 mm; Tray 2-5: 210.1 x 148.1 to 304.8 x 457.2 mm; Tray 3: 8 x 457.2 mm; Tray 3:
Printer dimensions (W x D x H)	604 x 652 x 664 mm
Printer weight ¹ Software included	66.63 kg HP Device Experience (DXP), HP PCL 6 Print Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Online user
	manuals
What's in the box Warranty	HP PW Managed Color MFP P77940dn; HP Setup Ink Cartridges (yield after setup ~8,000 pages CMY and ~10,000 K); Installation guide, Support flyer; Documentation on CD-ROM; Power cord 90 day parts only warranty.
Systems	
Compatible operating systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32-& 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32-& 64-bit editions, Windows 8/8.1 all 32-& 64-bit editions (excluding RT OS for Tablets), Windows X 182-& 64-bit editions (PHome, XP Pro, etc.)
Minimum system requirements	Windows: Windows® 10, 8.1, 8, 7: 1 GHz 32-bit or 64-bit processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer. Windows Vista®: 800 MHz processor (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8. Windows® XP SP3 or higher (32-bit only): any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8; Mac Apple® OS X v10.12 Sierra, OS X v10.11 E (apitan, OS X v10.10 Yosemite; minimum 1.2 GB available HD space; Internet required; USB port
Security management	Kerberos authentication, LDAP authentication, 2000 user PIN codes, Network: IPsec/firewall with Certificate, Pre-Shared Key, and Kerberos authentication, Supports WJA-10 IPsec configuration Plug in, 802.1X authentication (EAP-PEAP, EAP-TLS), SNMPV3, HTTPS, Certificates, Access Control List, HP Trusted Platform Module (TPM) comes standard; Data: Storage Encryption, Encrypted PDF & Email (uses FIPS 140 validated cryptographic libraries from Microsoft), Secure Erase, SSL/TLS (HTTPS), Encrypted Credentials; Device: Security lock slot, USB port disablement, HP Security Management: Compatible with HP JetAdvantage Security Manager, Device Security Syslog Messages processed and accessible in ArcSight and Splunk SIEMs; For more security settings for HP JetAdvantage Security Manager go to http://h10032.www1.hp.com/ctg/Manual/c03602120
Fonts and typefaces	105 Internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP Postscript level 3 emulation (Euro symbol built-in); 1 internal Unicode Fonts (Andale Mono WorldType); 2 Internal Windows Vista 8 Fonts (Calibri, Cambria); additional font solutions available via third-party flash memory cards; HP LaserJet Fonts and IPDS Emulation available at http://www.hp.com/go/laserjetfonts
Control panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with IR touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware Integration Pocket
Display	8.0-in (20.3 cm) Color Graphics Display (CGD) with IR touchscreen
Power ²	Requirements: Input voltage: 100 to 240 VAC, 50/60 Hz; Consumption: 452 watts (max. print/copy), 107 watts (print/copy), 31 watts (ready), 1.4 watts (sleep), 0.2 watts (auto-off), 0.2 watts (off); Typical Electricity Consumption (TEC) ^{2.13} ; 1.548 kWh/Week (Blue Angel); 0.543 kWh/Week (Energy Star 3.0); Power supply type: Internal (Built-in) power supply
Operating environment	Operating temperature range: 15 to 30°C; Recommended operating temperature range: 17 to 25°C Operating humidity range: 10 to 80% RH; Recommended operating humidity range: 30 to 70% RH
Acoustics	Acoustic power emissions: 6.8 B(A) (Print color simplex A4 at 41 ppm); Acoustic power emissions (ready): Inaudible; Acoustic pressure emissions bystander (ready): 52 dB(A) (ADF scan color simplex A4 at 70 ppm)
Safety approvals and requirements	EN 60950-1:2006 + A11:2009 +A1:2010 +A12:2011 +A2:2013; IEC 60950-1:2005 +A1:2009 +A2:2013; EN 62471:2008 / IEC 62471:2010; EN 62479:2010 / IEC 62479:2010; China CCC, GS, UL Listed
Supported network protocols	IPv4/IPv6: Apple Bonjour Compatible (Mac OS v10.2.4 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, IPsec/Firewall; IPv6: DHCPv6, MLDv1,
	ICMPv6; IPv4: Auto-IP, SLP, Telnet, IGMPv2, B00TP/DHCP, WINS, IP Direct Mode, WS Print

Ordering information

Accessories

Number	Description
B5L28A	HP Internal USB Ports
B5L31A	HP Foreign Interface Harness
CC487A	HP LaserJet MFP Analog Fax Accessory 500
E5K48A	HP 1 GB x32 144-pin (800 MHz)DDR3 SODIMM
J8030A	HP Jetdirect 3000w NFC/Wireless Accessory
J8031A	HP Jetdirect 2900nw Print Server
P1V16A	HP PageWide Managed 550-sheet Paper Tray
P1V17A	HP PageWide Managed 550-sheet Paper Tray and Cabinet
P1V18A	HP PageWide Managed 3x550 sheet Paper Tray and Stand
P1V19A	HP PageWide Managed 4000 sheet High-capacity Paper Tray and Stand

HP Care Packs

Number	Description
U9VX8E	HP 1 year Next Business Day w/Defective Media Retention Service for PageWide MFP P779xx Managed
U9VX9E	HP 3 year Next Business Day w/Defective Media Retention Service for PageWide MFP P779xx Managed
U9VY0E	HP 4 year Next Business Day w/Defective Media Retention Service for PageWide MFP P779xx Managed
U9VY1E	HP 5 year Next Business Day w/Defective Media Retention Service for PageWide MFP P779xx Managed
U9VY2E	HP 3 year 4 hour 9x5 w/Defective Media Retention Service PageWide MFP P779xx Managed
U9VY3E	HP 4 year 4 hour 9x5 w/Defective Media Retention Service PageWide MFP P779xx Managed
U9VY4E	HP 5 year 4 hour 9x5 w/Defective Media Retention Service PageWide MFP P779xx Managed
U9VY5E	HP 1 year Parts Exchange Service for PageWide MFP P779xx Managed (Managed Component Only)
U9VY6E	HP 3 year Parts Exchange Service for PageWide MFP P779xx Managed (Managed Component Only)
U9VY7E	$\mbox{HP}\mbox{ 4 year Parts}\mbox{ Exchange Service for PageWide MFP P779xx}\mbox{ Managed (Managed Component Only)}$
U9VY8E	HP 5 year Parts Exchange Service for PageWide MFP P779xx Managed (Managed Component Only) $$
U9VY9PE	HP 1 year Post Warranty Next Business Day w/DMR Service PageWide MFP P779xx Managed
U9VZ0PE	HP 2 year Post Warranty Next Business Day w/DMR Service PageWide MFP P779xx Managed
U9VZ1PE	HP 1 year Post Wty 4 hour 9x5 w/Defective Media Retention Service for PageWide MFP P779xx Managed
U9VZ2PE	HP 2 year Post Wty 4 hour 9x5 w/Defective Media Retention Service for PageWide MFP P779xx Managed
U9VZ3PE	HP 1 year Post Wty Parts Exchange Service for Pagewide P779xx Managed (Managed Component Only)
U9VZ4PE	HP 2 year Post Wty Parts Exchange Service for Pagewide P779xx Managed (Managed

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Supported paper

Contact HP via phone: Asia: 65 6253 8500















Original HP ink cartridges and maintenance supplies

Number	Description
X4D11AC	HP X4D11AC Cyan Contract Original PageWide Cartridge
X4D14AC	HP X4D14AC Magenta Contract Original PageWide Cartridge
X4D17AC	HP X4D17AC Yellow Contract Original PageWide Cartridge
X4D20AC	HP X4D20AC Black Contract Original PageWide Cartridge

Solutions

For more solutions information, please visit hp.com/go/gsc

Footnotes

- ¹ Based on HP review of 2018 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit http://hp.com/qo/PrintersThatProtect. For more information: http://hp.com/qo/printersecurityclaims.
- ² Energy claim based on TEC data reported on http://energystar.gov as of February 2018. Data normalized to determine energy efficiency of in-class color laser printers and MFPs with print speeds between 20-80 ppm as of February 2018. Subject to device settings. Actual results may vary.
- 3 Comparison based on printing in Professional mode. 4 Fewer service parts claim based on HP analysis of leading in-class A3 color laser printers and MFPs as of February 2018; calculations use publicly available and/or published manufacturer rated yields for long-life consumables and assume 600,000 pages printed (using a 60% black/40% color ratio). Learn more at http://hp.com/go/pagewideclaims.
- ⁵ Comparison of HP PageWide A3 devices with the majority of in-class color ink/laser MFPs (\$3,000-\$10,299 and €2,820-€10,199), and color ink/laser single function printers (\$1,500-\$4,299 and €1,410-€4,099) as of April 2018 excluding other HP PageWide products; competitive set based on market share data as reported by IDC as of Q4 2017, MSRP data provided by gap intelligence and/or Buyers Lab. HP PageWide speeds based on General Office mode and exclude first
- page. Learn more at http://hp.com/go/printerspeeds.
 ⁷ Program availability varies. For more information, visit http://hp.com/recycle.
- 8 Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at http://hp.com/go/printsecurity.

Technical specifications disclaimers

- 1 With ink installed, no media in trays
- ² Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. Power Consumption and Energy Star TEC values typically based on measurement of 115V device.
- ³ Speed specifications have been updated to reflect current industry testing methods.
- ⁴ Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory. ⁵ ISO speeds measured using ISO/IEC 24734. Excludes first page or first set of ISO test pages. For details see hp.com/go/printerclaims
- ⁶ No heating or fusing warm up time required
- 7 Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.
- BHP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.

 9 HP SureSupply alerts you when you should replace a print cartridge and helps you purchase locally or via the Internet. For more information, visit hp.com/learn/suresupply. Only available with original HP supplies; Internet access required.
- 10 All HP media listed as compatible with the printer in the HP PageWide Printing Supplies Compatibility Guide, regardless of weight, may be used 12 Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled.
- 13 Normalized TEC (watt hours per page) BA: 0.388 Wh/page, ES: 0.383 Wh/page

Walkaround footnotes

- ¹ Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase.
- 2 An administrator must enable the easy-access USB port before use.

 3 The HP PageWide Managed Color MFP P77440dn and MFP P77940dn/dns/dn+ models print up to 40/60 ppm (Professional mode/G0 mode), A4 and letter, simplex. ISO speeds measured using ISO/IEC 24734. Excludes first page or first set of ISO test pages. For details see <a href="https://professional.nc/in/
- 4 Scan speed measured from ADF at default 300 dpi (black-and-white, greyscale, and colour). Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

 5 A 350-sheet inner finisher is available on the HP PageWide Managed Color MFP P77940dns model only. That model has a maximum output capacity of 850 sheets. A 3,250-sheet external finisher is required for the HP PageWide Managed Color MFP P77940dn+ model. The external finisher can staple up to 65 pages. The lower bin supports output of up to 250 sheets. It is not supported on the MFP P77440dn or MFP P77940dn/dns models. The MFP P77940dn+ has a maximum output capacity of 3.250 sheets. Models without an inner or external finisher have a maximum output capacity of 500 sheets.
- ⁶ Purchase of optional paper tray required to reach maximum input capacity.
- 7 Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz routers only. 8 Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license.

